

# PROFILO 500

## Z 20° - 40°



Le informazioni contenute in questo documento sono state attentamente redatte e controllate. Tuttavia non è assunta alcuna responsabilità per eventuali inesattezze. Tutti i diritti sono riservati e questo documento non può essere copiato, fotocopiato, riprodotto per intero o in parte senza previo consenso scritto della DTS .

DTS si riserva il diritto di apportare senza preavviso cambiamenti e modifiche estetiche , funzionali o di design a ciascun proprio prodotto. DTS non assume alcuna responsabilità sull'uso o sull'applicazione dei prodotti o dei circuiti descritti.

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from DTS.

DTS reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. DTS assumes no responsibility for the use or application of the products or circuits described herein.

Les informations contenues dans le présent manuel ont été rédigées et contrôlées avec le plus grand soin. Nous déclinons toutefois toute responsabilité en cas d'éventuelles inexactitudes. Tous droits réservés. Ce document ne peut être copié, photocopié ou reproduit, dans sa totalité ou partiellement, sans le consentement préalable de DTS.

DTS se réserve le droit d'apporter toutes modifications et améliorations esthétiques, fonctionnelles ou de design, sans préavis, à chacun de ses produits. DTS décline toute responsabilité sur l'utilisation ou sur l'application des produits ou des circuits décrits.

Las informaciones contenidas en este documento han sido cuidadosamente redactadas y controladas. Con todo, no se asume ninguna responsabilidad por eventuales inexactitudes. Todos los derechos han sido reservados y este documento no puede ser copiado, fotocopiado o reproducido, total o parcialmente, sin previa autorización escrita de DTS.

DTS se reserva el derecho a aportar sin previo aviso cambios y modificaciones de carácter estético, funcional o de diseño a cada producto suyo. DTS no se asume responsabilidad de ningún tipo sobre la utilización o sobre la aplicación de los productos o de los circuitos descritos.

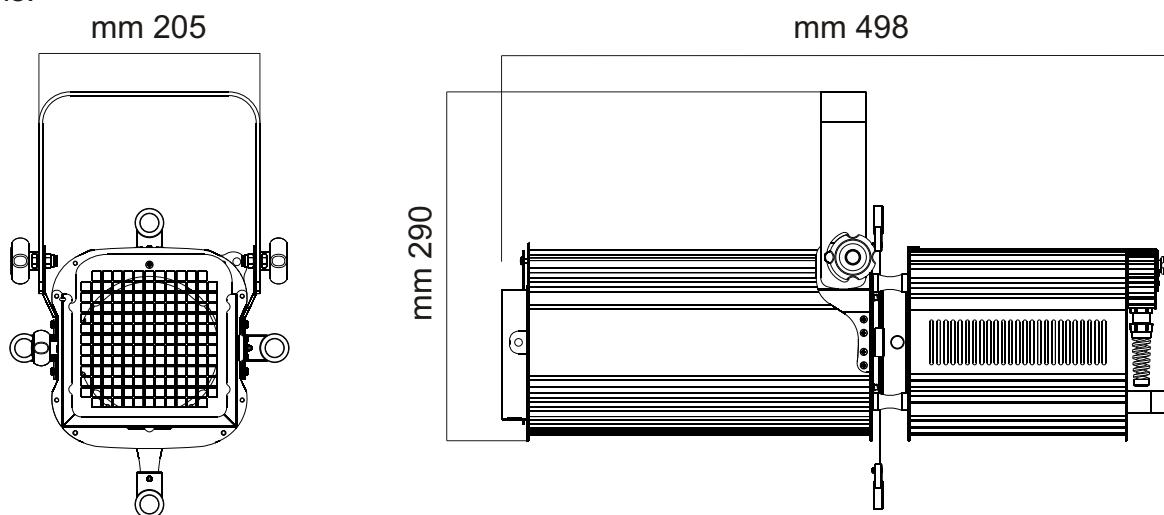
**INDICE**

Technical features	pag 3
Important Safety informations	pag 4
Mounting the lamp	pag 4
Voltage and frequency	pag 5
Installation	pag 5
Mains connection	pag 6
Projector use	pag 7
Open the unit	pag 8
Cleaning and periodic controls	pag 9

**MADE IN ITALY**

## 1- TECHNICAL FEATURES

Voltage: 230V 50/60 Hz  
 Lamp socket: GY9,5 500 W Lamp  
 IP grade protection: IP20  
 Steel body with aluminium parts  
 2 lenses optic condenser  
 Linear Focus  
 Linear Zoom: 20°- 40 °  
 Metal Filter Holder: 150mm \* 150mm  
 Metal protection grid  
 No internal Fans  
 Internal rotating profiler built up with four independent steel blades  
 Two internal microswitch for automatic unit switch during lamp substitution procedure  
 Weight : 11 Kg  
 Dimensions:

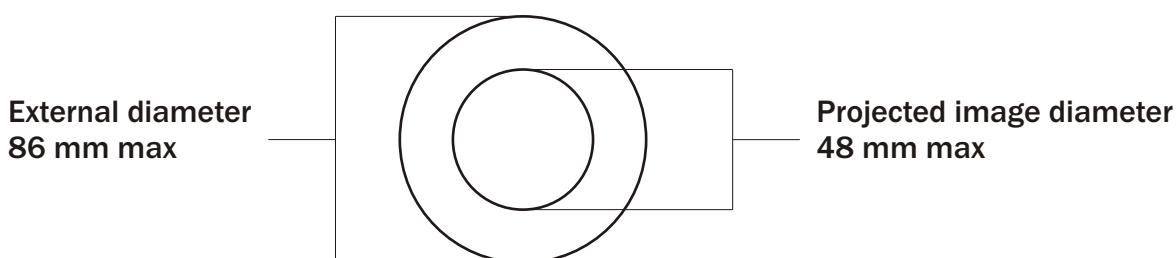


**PROFILO 500 BLACK COLOR D.T.S. COD.: 03.TP001**

### ACCESSORIES

Iris (cod. 03.TA2001)  
 Gobo holder (cod. 03.TA202) type "B"  
 Safety cable mm 3\*600mm (cod. 0521A010)  
 Filters  
 C clamp G60 black (cod. 0521A004).  
 C clamp G60 chrome( 0521A004.20)

### Gobo dimension



## 2- IMPORTANT SAFETY INFORMATIONS

### 2.1 Fire prevention:

- PROFILO 500 uses a GY9,5 500W lamp.
- Never locate the fixture on any flammable surface.
- Minimum distance from flammable materials: 1 MT.
- Minimum distance from the closest illuminable surface: 1 MT.
- Connect the projector to mains power via a thermal magnetic circuit breaker.

### 2.2 Prevention of electric shock:

- High voltage is present inside the unit. Unplug the unit prior to performing any function which involves touching the inside of the projector, including lamp replacement.
- The level of technology present in the PROFILO 500 requires the assistance of specialised personnel for all servicing. Please refer to an authorised DTS service centre.
- A good earth connection is essential for proper functioning of the projector.
- Never connect the unit without proper earth connection.
- The fixture should be located in places with a good air ventilation.
- Never look directly into the lamp when it is on.

### 2.4 Safety:

- The projector should always be installed with bolts, clamps and other tools that are capable of supporting the weight of the unit.
- Always use a second safety cable to sustain the weight of the unit in case of the failure of the main fixing point.
- The external surface of the unit, at various points, may exceed 150°C. Never handle the unit until at least 15 minutes have elapsed since the lamp was turned off.
- Always replace the lamp if any physical damage is evident.
- Never install the fixture in an enclosed area lacking sufficient air flow. The ambient temperature should not exceed 35°C.
- A hot lamp may explode, so always wait for at least 15 minutes prior to attempting to replace the lamp.
- Always wear suitable hand protection when handling the lamp.

### 2.5 Level of protection against the penetration of solid and liquid matter:

- The projector is classified as an ordinary appliance and its protection level against the penetration of solid and liquid matter is IP 20.

## 3- MOUNTING THE LAMP

**Warning: Switch off the unit before replacing the lamp.**

### Lamp:

CP82	GY9.5 500W	230/240V	12500 LM	3200 °K	Life time 360 hours
T18	GY9.5 500W	230/240V	11000 LM	3000 °K	Life time 360 hours
T25	GY9.5 500W	230/240V	11000 LM	3000 °K	Life time 300 hours

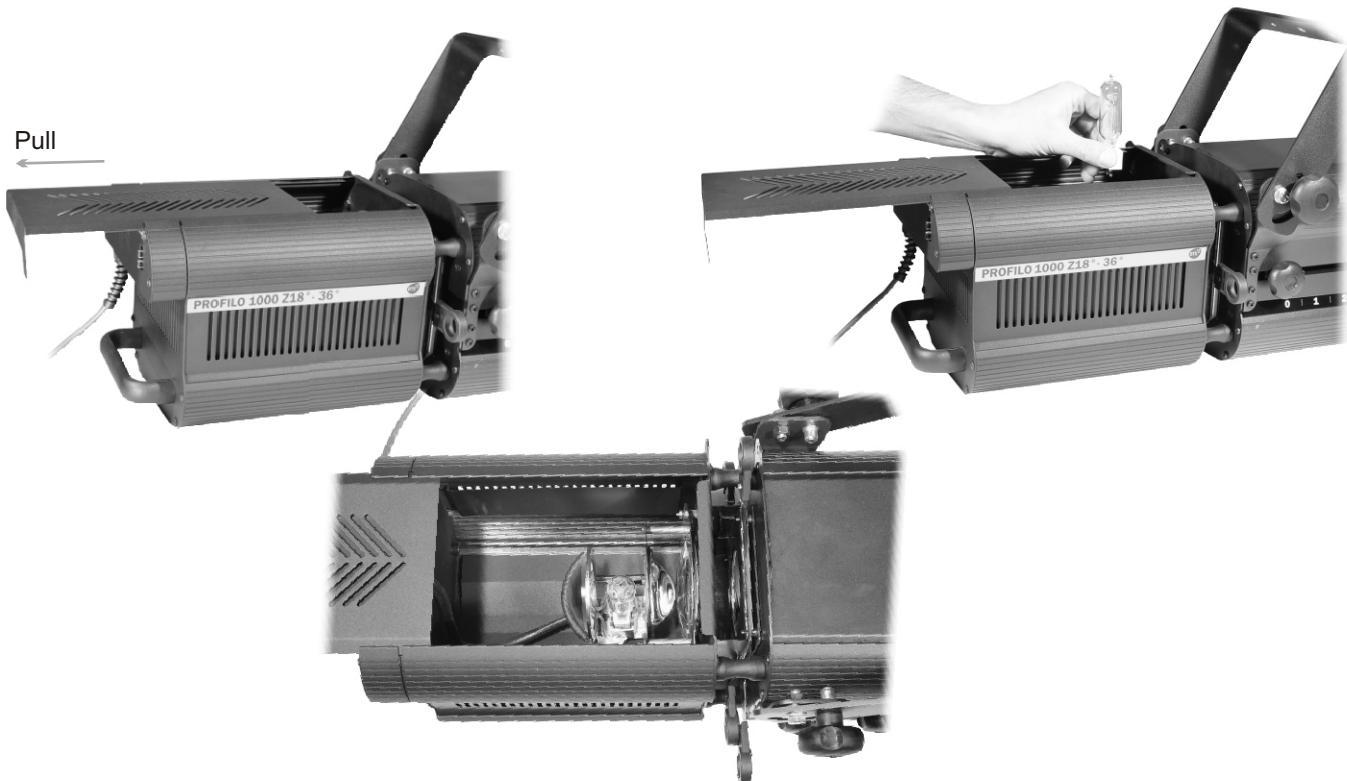
1): Loose the screw located on the rear side of the unit.



2)Open the top rear cover and insert the lamp.

The lamp used is manufactured from quartz glass and should be handled with care. Always adhere to the instructions supplied in the lamp's packaging. Never touch the glass directly but use the tissue provided in the lamp's packaging. The GX 9.5 lampbase is symmetrical.

**DO NOT USE UNDUE FORCE ON THE GLASS.** In case of difficulty, re-read the instructions and repeat the procedure.



Close the cover and replace the screw. No lamp alignment needed

#### 4- VOLTAGE AND FREQUENCY:

Profilo 500 can operate at 230V 50 - 60 Hz.

#### 5- INSTALLATION:

PROFILO 500 may be either floor or ceiling mounted.

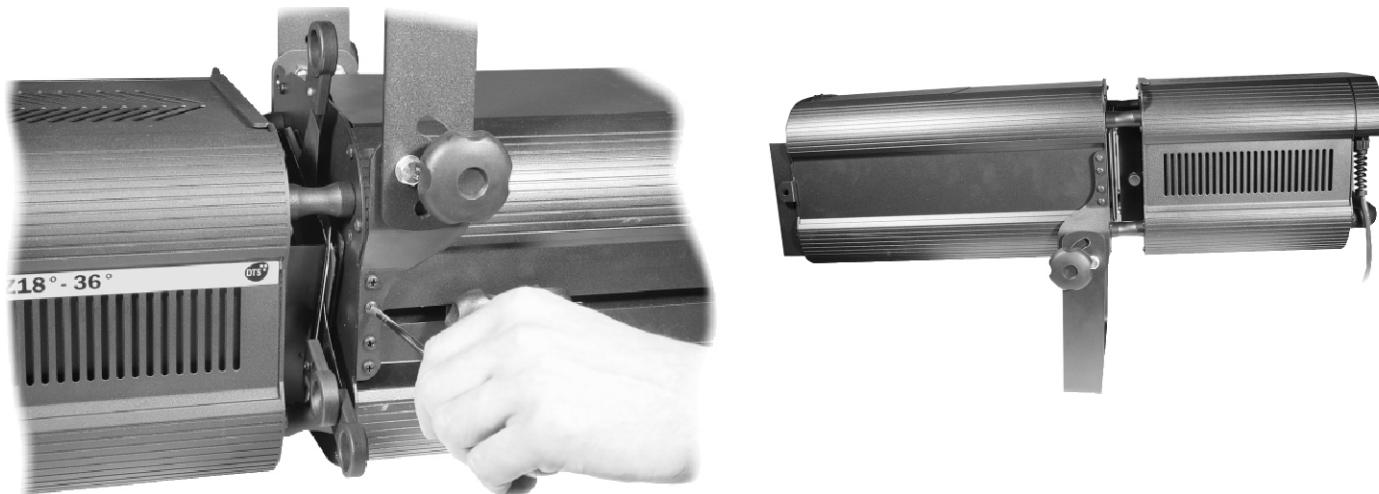
For ceiling mounted installations, we recommend the use of appropriate clamps to fix the unit to the mounting surface. A safety cable must always be present

## 5.1 Ceiling installation



## 5.2 Floor installation

By Using a screw driver, remove the three screws fixing the bracket on both side of the unit. Rotate the bracket by 180 ° and replace it on the opposite side of the unit. Replace the screws.



## 5.3 Risk of fire:

Each fixture produces heat and must be installed in a well-ventilated place. The minimum recommended distance from flammable material is 1 MT. Minimum distance from the object being illuminated is 1,5 MT. Heat dispersion is done by natural ventilation,no fans installed inside the unit.

**WARNING: The rear side of the unit,can reach very high temperature,**  
**Handle the projector with extreme caution**

## 5.5 Ambient temperature:

The projector should never be installed in places that lack a constant air flow. The ambient temperature should NOT exceed 35°C.

## 6- MAINS CONNECTION

PROFILO 500 can operate at 230 VOLT 50-60 Hz.Prior to connecting the unit to your mains supply, ensure that the model in your possession correctly matches the mains supply available. For connection purposes, ensure that your plug is capable of supporting 6 amps at 230V, Strict adherence to regulatory norms is strongly recommended.

## 6.1 Protection:

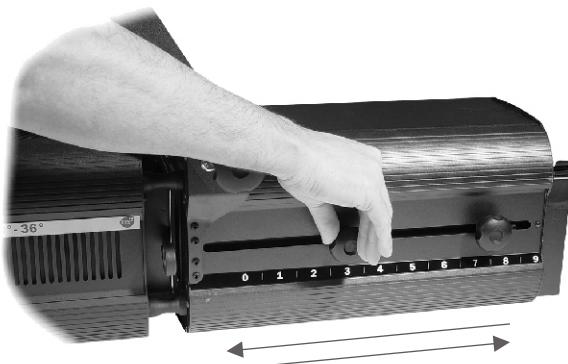
The use of a thermal magnetic circuit breaker is recommended for each PROFILO 500. A good earth connection is essential for the correct operation of the projector..

## 7) PROJECTOR USE

### 7.1 Focus and Zoom adjustment.

In the front side of the unit are located the lenses for Focus and zoom adjustment.

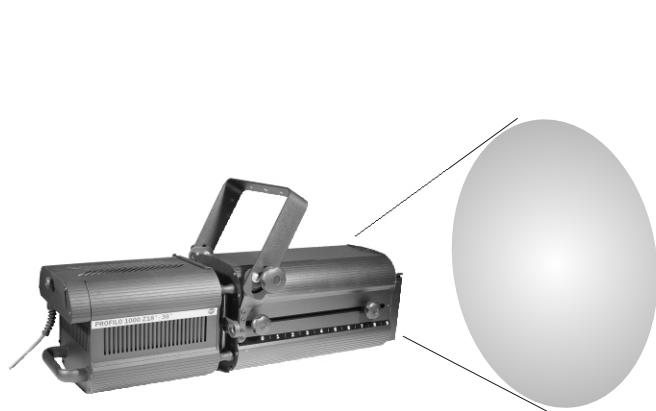
Place the projector on the object to illuminate, loose the fixing lenses screws, adjust the lens position till the projection is well focused on the object. Tighten the screws. The aluminium external label with the numbers 0-9, indicates the actual position of the lenses, the numbers are not indicating the beam opening angle in degree.



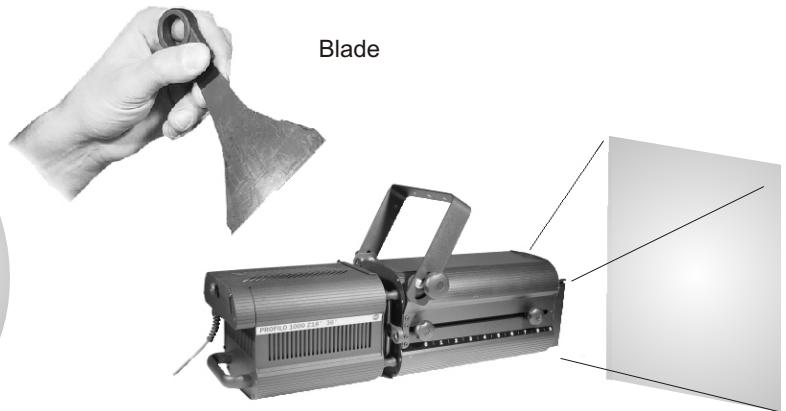
Zoom and Focus movement

### 7.2 Blades

Prifilo 500 is provided with four independent steel blades. Blades holder can rotate 90° left-right. The blades let you create geometrical figures with the light.



Light beam with no blades inserted



Light beam with blades inserted

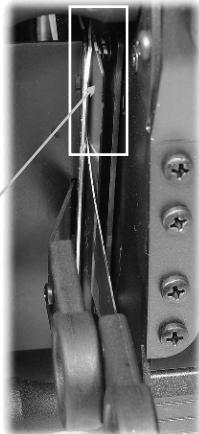
### 7.3 Blades insertion

To insert the blades in the holder, proceed as follow:

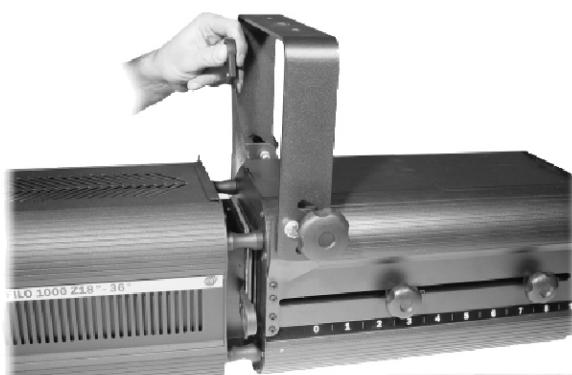
Locate the blades holder, place one side of the blade within the two parallel surfaces, push and tilt it on the guideL.



Blades holder



Parallel surfaces



Blade inserted



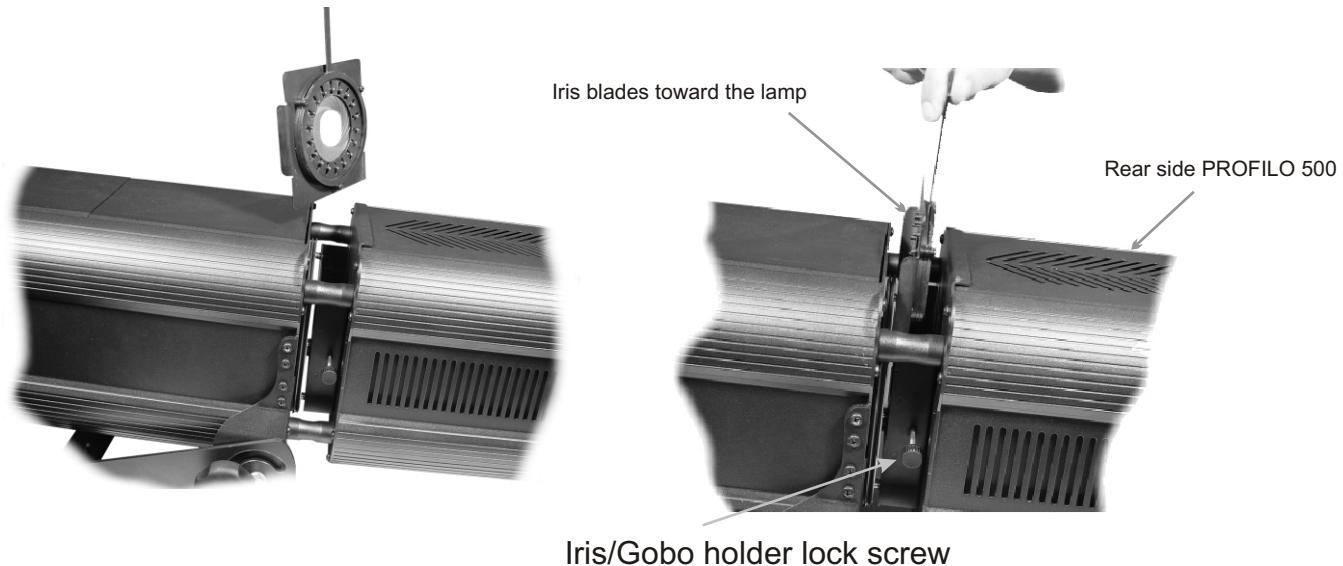
0

#### 7.4 Accessories use (iris and gobo holder)

Profilo 500 can be provided also with iris and type B gobo holder

#### 7.5 Iris insertion

Insert the iris in the support and lock it with the screw located on the left side.



#### 7.6 Gobo holder insertion

Insert the gobo in the support and lock it with the screw located on the left side.

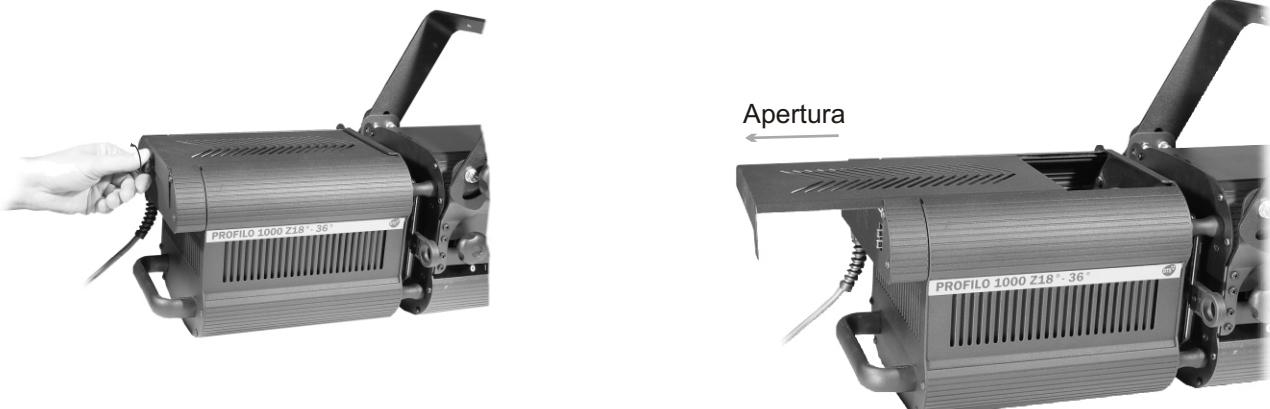
### 8) APERTURA DEL PROIETTORE:

L'apparecchio consente di eseguire una completa ispezione delle parti interne del corpo proiettore, rimuovendo i carter come di seguito indicato.

Attenzione: benché il proiettore sia dotato di microinterruttori di corrente a sgancio automatico all'apertura del cofano posteriore si consiglia vivamente di TOGLIERE TENSIONE PRIMA DI APRIRE L'APPARECCHIO

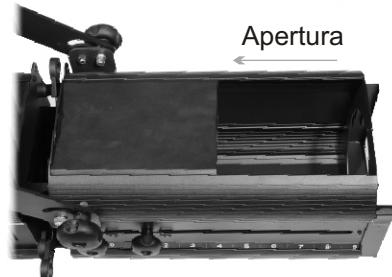
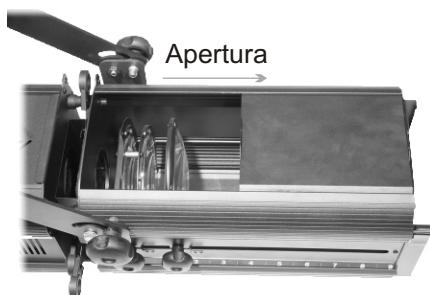
### PARTE POSTERIORE - ALIMENTAZIONE

Per eseguire l'ispezione della parte posteriore (parte di alimentazione ) del proiettore procedere come indicato. Togliere la tensione elettrica, svitare ed estrarre il pomello posto nella parte posteriore del proiettore; fare scorrere il cofano come indicato in fotografia.



## PARTE ANTERIORE (GRUPPO LENTI FOCUS-ZOOM)

Per procedere all'ispezione della parte anteriore (dove sono posizionati il gruppo lenti focus e zoom) è sufficiente far scorrere i coperchi superiori (vedi foto)



## 9) PULIZIA E CONTROLLI PERIODICI

### 9.1 Pulizia delle lenti

La polvere può ridurre in modo sostanziale la resa luminosa ed alterare la compattezza del fascio: pulite dunque regolarmente le lenti, utilizzando un panno morbido o del cotone, inumiditi con un liquido detergente specifico per la pulizia del vetro.

### 9.2 Controlli periodici:

#### Parti meccaniche:

Controllate che il proiettore non sia meccanicamente danneggiato. Se necessario, sostituite le parti deteriorate.

#### Parti elettriche:

Controllate i collegamenti elettrici, in particolare la messa a terra ed il corretto funzionamento dei microinterruttori.

**ATTENZIONE :**Togliete tensione prima di aprire l'apparecchio.

Microinterruttori; controllarne periodicamente il corretto funzionamento



**NOTE:**

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from D.T.S.

D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

MADE IN ITALY



**The Lighting Company**

## ISO 9001:2000

D.T.S. quality system  
is certified to the  
ISO 9001:2000 standard



D.T.S. products are designed  
and manufactured at the D.T.S.  
plants in Italy



\*05171124\*